Index

Issue No.1., February 1989 1–56
Issue No.2., April 1989 57–132
Issue No.3., August 1989 133–216
Issue No.4., November 1989 217–294

Articles: author index

Bodkin, Tim ..... 12(1)
Brugge, John A. ..... 144(3)
Buchanan, Bruce G ..... 144(3)
Buck, Leslie ..... 227(4)
Cader, Masud Z. ..... 60(2)
Chu, Seok Chin ..... 74(2)
Clarke, Roger ..... 158(3)
Frecker, Toni C. ..... 166(3)
Graham, Ian ..... 12(1)
Harris, James B. ..... 134(3)
Humes, Michael W. ..... 134(3)
Humpert, Benedikt ..... 60(2)
Keane, Mark ..... 24(1)
Keny, Rajiv ..... 238(4)
Kim, Hyun Soo ..... 74(2)
Ko, Li-Jen ..... 186(3)
Kwon, O-Joung ..... 134(3)
Lam, W. ..... 2(1)
Leary, Michael ..... 18(1)
Lee, Jae Kyu ..... 74(2)
Lee, Newton S. ..... 238(4)
Leung, K.S. ..... 2(1)
Lodge, Greg M. ..... 166(3)
Loo, Siew Lan ..... 263(4)
Medsker, L.R. ..... 60(2)
Mellichamp, Joseph M. ..... 134(3)
Morris, Anne ..... 90(2), 218(4)
O'Neill, Margaret ..... 90(2)
Pang, Grantham ..... 250(4)
Phadke, Madhav S. ..... 238(4)
Rodriguez-Bachiller, Agustin ..... 18(1)
Skuce, Douglas ..... 100(2)
Stanfel, Larry E. ..... 180(3)
Tauzovich, Branka ..... 100(2)
Teel, Brian ..... 60(2)
Vedder, Richard G. ..... 28(1)
Walton, Kathryn ..... 218(4)
Wong, W.S.F. ..... 2(1)

Articles: title index

Applications of a novel fuzzy expert system shell ..... 2(1)
Case studies of expert systems development using microcomputer software packages ..... 12(1)
Causal reasoning in an advisor for fourth generation software ..... 100(2)
Collating real-time market indicators through a temporal paradigm ..... 263(4)
Evolution of a knowledge-based system for determining structural components of proteins ..... 144(3)
Expert system for sorting, an ..... 180(3)
Expertise, domain-structure and expert system design: a case study in development control ..... 18(1)
Expert systems in the United Kingdom: an evaluation of development methodologies ..... 90(2)
Expert system for experimental design in off-line quality control, an ..... 238(4)
Human operators and real-time expert systems ..... 227(4)
Intelligent Stock Portfolio Management System ..... 74(2)
Knowledge engineering in computer aided design of control systems ..... 250(4)

LUCVAR: a computer-based consultation system for selecting lucerne (alfalfa) varieties ..... 166(3)

NESTOR: Network Engineering System for TOpology and Requirements ..... 134(3)

PC-based expert system shells: some desirable and less desirable characteristics ..... 28(1)

PEOPL: a knowledge-based system for the evaluation of personnel ..... 60(2)

Property rights in knowledge-based products and applications ..... 158(3)

Shortage of expert system personnel in the UK — hype or reality? ..... 218(4)

Thinking Back on ThinkBack ..... 24(1)

Conference reports

AIME '89,: Second European Conference on AI in Medicine ..... 275(4)

Expert systems '88 ..... 44(1)

Seventh annual conference on applied experimental psychology ..... 194(3)

Validation and testing of medical decision aids ..... 274(4)

Interviews with Kenneth Owen

Edward Feigenbaum ..... 112(2)

Charlie Portman ..... 199(3)

John McCarthy ..... 278(4)

Software reviews

FRIL ..... 186(3)

NeuralWorks Professional II ..... 116(2)

Prometheus ..... 191(3)

XpertRule Advanced ..... 270(4)

Peripheral press ..... 128(2)

Books received for review ..... 129(2), 210(3)

Book Reviews ..... 208(3,)286(4)

News: items reviewed

Advanced Operator Workstation ..... 205(3)

Allegro CLiP ..... 284(4)
Allegro Composer ..... 206(3)
Anthera ..... 124(2)
ART-IM ..... 282(4)
ART-IM ..... 125(2)

Cassini mission ..... 122(2)
Charme ..... 206(3)
Chronos ..... 53(1)
CICS Radar ..... 122(2)
Common Lisp Interface Manager ..... 284(4)
Communicating Sequential Prolog ..... 126(2)
Complete C ..... 125(2)
ConfigureableKEE ..... 282(4)
Cryses ..... 123(2)

Decision Expert ..... 51(1)
Delphi Common Lisp ..... 50(1)
Diana ..... 281(4)

Egeria ..... 51(1)
Emicat ..... 207(3)
Equator ..... 124(2)
Eurotunnel Loan Control and Administration System ..... 123(2)
ExperAction! ..... 283(4)
Expert Project Manager ..... 48(1)

Gemini ..... 124(2)
Genera ..... 282(4)
GESPI ..... 203(3)

Hesper ..... 122(2)
HP Prolog II ..... 284(4)

Ikonman ..... 48(1)
Instant Expert Plus ..... 51(1)
Intelligent File Store ..... 52(1)
Intelligent Tutor ..... 123(2)

Kappa ..... 283(4)
KBMS/PC ..... 207(3)
Keris ..... 205(3)
KIM RISC chip ..... 127(2)
KLUE ..... 281(4)
KnowledgeCraft updates ..... 283(4)

Latent Damage Law — The Expert System ..... 49(1)

Line Balancer ..... 282(4)

MacObject ..... 284(4)
Maintex ..... 281(4)
MProlog ..... 126(2)

Nextra ..... 283(4)

Onyx ..... 206(3)
OPS83 ..... 125(2)

PCE (BIM Prolog) ..... 51(1)
Planmaster ..... 203(3)
Polylog ..... 126(2)
Portable Vibration Expert ..... 49(1)
Procyon CLOS ..... 207(3)
Prometheus ..... 52(1)
Proteus Club ..... 122(2)
ProWindows ..... 207(3)

Quintec Prolog ..... 50(1)

Smeci-Gell ..... 207(3)
Strand 88 ..... 52(1)
Symbolic Programming Environment ..... 284(4)
Symbolics XL400 ..... 127(2)

Times ..... 204(3)
TPM Prolog ..... 49(1)
TRACKS ..... 281(4)
Transaid ..... 204(3)

Welfare Benefits Advisor ..... 203(3)
Wire Harness Cost Estimator ..... 48(1)

Xi Plus ..... 207(3)
XpertRule Advanced ..... 51(1)
XpertRule Prototyper ..... 283(4)
XpertScore ..... 282(4)

News: list of developers

AICorp ..... 207(3)
AIIT ..... 51(1)
Alcan Plate ..... 48(1)
Artificial Intelligence Ltd ..... 52(1)
Attar Software ..... 283(4)

BIM ..... 51(1)
British Nuclear Fuels ..... 204(3)
Britoil ..... 122(2)
Brooks Air Force Base ..... 123(3)
Bull SA ..... 206(3)
Butterworth ..... 49(1)

Carnegie Group ..... 283(4)
CCTA ..... 124(2)
Cognitech ..... 206(3)
Complete Computer Corporation ..... 125(2)
Compuware ..... 122(2)

DataFlex Information Management ..... 51(1)
Delphi SpA ..... 50(1)

Electronic Serge Daasault ..... 207(3)
ERA Technology ..... 205(3)
Expert Management Systems ..... 49(1)
Expert Systems International ..... 53(1)
Expertech ..... 207(3), 282(4)
ExperTelligence ..... 207(3), 2824

Ferranti Computer Systems ..... 124(2)
Framentec ..... 281(4)
Franz Inc ..... 206(3), 284(4)

GSI-TECSI ..... 204(3)

Harwell Laboratory ..... 123(2)

ICL ..... 203(3)
Ilog ..... 207(3)
Industrial Noise and Vibration Centre ..... 4991)
Inference Corporation ..... 125(2), 282(4)
Integrated Solutions ..... 206(3)
IntelliCorp ..... 281, 282(4)
Intelligent Systems International ..... 52(1)

Logic Programming Associates ..... 285(4)

MDBS International ..... 122(2)
MegaKnowledge ..... 283(4)
Mindsoft ..... 51(1)
Multilogic Computing ..... 127(2)

Navistar International ..... 48(1)
NCR ..... 203(3)
Neuron Data ..... 283(4)

PA Consulting Group ..... 122(2)
Procyon Research ..... 207(3)
Production Systems Technologies ..... 126(2)

Quintec Systems ..... 50(1)
Quintus ..... 207(3)

Sagem ..... 53(1)
Simdell ..... 126(2)
Sodima ..... 127(2)
Sun Microsystems ..... 284(4)
Applied Workstations ..... 284(4)
Symbolics ..... 127(2), 282(4)
SZKI ..... 124, 126(2)

Texas Instruments ..... 282(4)

V.I. Corporation ..... 51(1)
Vega Space Systems Engineering ..... 205(3)